

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,310,447 B2
APPLICATION NO. : 10/657219
DATED : December 18, 2007
INVENTOR(S) : Takanori Yano et al.

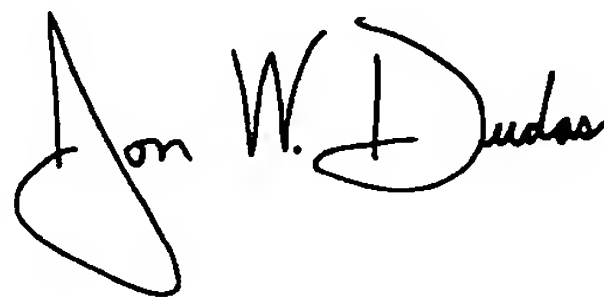
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page item (73) Assignee: please delete "Ricoh Co., Ltd., Tokyo (JP)" and insert
-- Ricoh Company, Ltd., Tokyo (JP) --.

Signed and Sealed this

Fourth Day of November, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office